1776 CENTENNIAL 1876

FORTY FIFTH

EXHIBITION

OF THE

AMERICAN INSTITUTE

OF THE

CITY OF NEW YORK

1876

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1876.

FORTY-FIFTH

Industrial Exhibition

OF THE

AMERICAN INSTITUTE

OF THE CITY OF NEW-YORK,

1876.

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1876.

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1876.

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Walter Shriver, John Jardine, Edwin R. McCarty.

1876.

FORTY-FIFTH

INDUSTRIAL EXHIBITION

OF THE

AMERICAN INSTITUTE

OF THE CITY OF NEW-YORK.

THE Forty-fifth Exhibition under the management of this Institute, will be held in the Exhibition Buildings, on 2d and 3d Avenues and 63d and 64th Streets in the Fall of 1876.

The immense value and great popularity of Industrial Exhibitions, first inaugurated by this Institute in 1828, has been fully proven by the many which have followed, not only in this country but abroad.

No better evidence of value can be given than is shown by the immense Centennial Exhibition now being held in Philadelphia, to which not only exhibitors are drawn from all parts of the world, but as well hundreds of thousands of visitors; most of whom will visit this great commercial and financial centre of the new world, and a large portion of whom will be attracted to our exhibition; thus we are satisfied that this year will prove to all exhibitors pecuniarily more beneficial than any which has preceded it.

Conscious that we cannot in the most remote degree compare our "annual" exhibition with the "Centennial," we are nevertheless fully satisfied that to the exhibitor who does not desire to, or cannot afford

to make an immense and most costly display, that we can place him for a trifling outlay, before every buyer and interested capitalist, whether of our own or of a foreign land.

This Institute incorporated by the Legislature of New-York nearly half a century since for the purpose of holding exhibitions and rewarding by premiums the ingenious inventor, and the skillful producer, offers to all such who wish to meet buyers or capitalists, unequalled advantages.

It may be well to state for the information of those who are unacquainted with the workings of this Institute that it is NOT a stock company for money making purposes; but is simply an association of persons whose object is to encourage the industries of our country as previously stated. Whatever profit may result from the exhibitions is expended in the diffusion of information having relation to the industrial arts.

Details relating to medals and awards may be found on pages 16 and 17, and special attention is called to the "Centennial Medal" only to be awarded this Centennial year. To parties having working machines and those who will exhibit industrial processes in actual operation, unusual facilities will be given.

Particular attention will be paid to articles which may be forwarded for exhibition unaccompanied by the exhibitor; to such, space will be assigned and care given.

To receive attention, all articles must be marked, "General Superintendent, American Institute Exhibition, New-York," and must have enclosed in package a list of each article therein contained, a copy of which must also be mailed to same address, also a draft payable in New-York, for freight or express charges, if not pre-paid at place of shipment; also not less than twenty ($20) dollars to meet charges, of entrance fee and cartage to and from the exhibition building. If money to pay such expenses is not forwarded, the goods will not be received or taken from the transportation or express company. Every one will readily recognize the impropriety of expecting the Managers to advance amount of charges and depend upon collections to meet said advance. An exact account will be kept of the charges paid, and the unexpended balance remitted by check to the party making the advance.

A full description must be mailed to the General Superintendent by the exhibitor stating time of shipment, the railway or other Company by which goods were forwarded, number of packages, and a duplicate of bill of lading or shipping receipt, that they may be promptly attended to upon their arrival here. By this plan many persons may avail themselves of the benefits of the Exhibition, and avoid the loss of time

and expense of a two months residence in New-York, and yet, be as well served as if present.

Exhibitors should remember that the earlier goods reach the Exhibition Hall the better will be their location.

Attention is called to the Rules and Regulations (page 19,) upon which goods will be accepted, and which form part of the agreement between the Exhibitor and the Board of Managers.

The Managers call attention to the Regulations as to "space," page 20, "changes in location and space granted," page 20, and especially to "signs," page 22, and request the co-operation of Exhibitors in matters relating thereto.

A complete classification may be found on pages 9 to 14.

The Board of Managers will endeavor to perfect as heretofore arrangements with all the prominent Railway and other Companies to return, freight free, all articles exhibited, the freight on which shall have been paid to New-York, provided the same shall not have changed ownership, and are returned before the 25th day of November, 1876.

The buildings on 2d Avenue will be open for the reception of Machinery on Monday, August 14th, 1876, or earlier if it should be necessary for the arrangement of heavy machinery.

The buildings on 3rd Avenue and on 63d and 64th Streets, will be opened for the reception of goods on the 28th day of August, 1876.

The Exhibition will be formally opened to the public at 2 P. M. on Wednesday, the 6th day of September, 1876, and will remain open each secular day from 9 A.M. to 10 P.M. finally closing at 10 P. M. on Saturday, November 11th, 1876, unless it is deemed expedient by the Board of Managers to continue one week longer.

For any further information address General Superintendent, American Institute, Room 22, Cooper Union Building, 8th Street, between 3d and 4th Avenues, New-York City.

Resolution of Instructions to the Board of Managers,

ADOPTED BY THE BOARD OF TRUSTEES,

JUNE 10, 1876.

DUTIES OF THE BOARD OF MANAGERS.

SEC. 1. The Board of Managers shall organize by appointing a Chairman and Vice Chairman from their own number, and a Secretary; and after such organization, if they are directed to hold an Exhibition, they shall be entitled to the services of the Clerk of the Institute, who shall act as their principal Clerk, and be in constant attendance during such Exhibition; also of the General Superintendent, whose duties shall be defined by the said Board of Trustees.

SEC. 2. There shall be held in the autumn of each year, if it shall be so ordered by the Board of Trustees, an exhibition in the City of New York, under the direction of the Board of Managers, embracing the products of Agriculture, Manufactures, Commerce and the Arts of the United States. The said Board may hold, in connection with it, a show of live Stock whenever they shall deem it expedient; they shall also have the power to make, or cause to be made, a comparative test of Ploughs, Mowers, Reapers, Diggers, and other agricultural implements, by putting them in practical operation in the vicinity of the City of New-York. They shall further be empowered to examine, or cause to be examined, any manufacturing process or heavy machinery in operation which it would be impracticable to exhibit within the limits of the Exhibition. They may, by a majority vote, admit for *exhibition only*, any foreign product, machine or process, the exhibition of which would, in their opinion, be beneficial to American Industry.

SEC. 3. The first duty of the Board of Managers, after it has been decided to hold an Exhibition, shall be to issue a circular, prepared by the General Superintendent, setting forth the advantages to be derived from such Exhibition. In order to explain the arrangements and extent of the several Departments, they shall also publish in such circular the classification in Sec. 4, which shall be adhered to as far as the room occupied by the Exhibition will allow, in the distribution of space, and in the location of the articles received.

SEC. 4. *The Classification of the Annual Exhibition shall be as follows:*

I.—DEPARTMENT OF FINE ARTS AND EDUCATION.

1st *Group.* Paintings on canvas, glass and other surfaces; Pastels, Car toons, Miniatures.

2d *Group.* Engravings, Lithographs, Chromo-Lithographs, Chemical Etchings, plain and colored, Enamel Work, Designs and Drawings relating to Architecture, Landscape Gardening, Mechanical and Civil Engineering.

3d *Group.* Photographs, plain and colored, Daguerreotypes, Ambrotypes. All other impressions by the action of light.

4th *Group.* Sculpture, Cameos, Intaglios, Medals, Medallions, Reliefs; Embossed Work, Fine Castings in Bronze, Zinc and other metals.

5th *Group.* Musical Instruments—Pianos, Harps, Organs, Melodeons, Portable Instruments used in Bands and Concerts.

6th *Group.* Specimens of Printing and Bookbinding, Books, Stationery, except Ink, Account Books, Ornamental Penmanship, Globes, Maps, Charts, School Books, and all apparatus for instructing in Science and Art. Tables and machines for Calculation.

7th *Group.* Philosophical Instruments. Barometers, Thermometers; Mathematical, Measuring and Drawing Instruments; Dials, Chronometers, Watches and Clocks; Telescopes, Microscopes, Lenses, Cameras, and other Optical Instruments, including Stereoscopes, Spectacles, and Opera Glasses.

II.—DEPARTMENT OF THE DWELLING.

1st *Group.* Apparatus for Warming, Cooling and Ventilating Rooms; Cooking Stoves, Ranges and Refrigerators, Water Filters and Coolers. Apparatus for Illumination, Ornamental Lamps, Chandeliers, and Gas Fixtures.

2d *Group.* Kitchen Ware and Utensils; Machines and Implements; for Washing, Wringing and Drying Clothes; Mangles, Ironing and Fluting Machines, etc. Brooms, Brushes, Bellows, and other hand instruments used by domestics.

3d *Group.* Carpets, Oil Cloths, Matting, Paper Hangings and Tapestry; Window Curtains, Shades and Screens; Encaustic Tiles and Specimens of Ornamental Flooring; Fresco Work and Ornamental Plasterings.

4th *Group.* Furniture--Mirrors, Upholstery, Beds, Bed Springs, Mattresses, and Room Conveniences. Secretaries and Ornamental Safes; Ladies' Toilet and Work Boxes, Ornamental Card Trays.

5th *Group.* Table Furniture—Cutlery, Castors, Table Bells, Glass, China, Porcelain; Silver and other Ware used for holding food and condiments.

6th *Group.* Ornaments for the Dwelling House, excepting those embraced in the First Department—Wax Flowers and Fruit, Ornamental Hair Work and Worsted Embroidery and Crochet Work. Passé Partout, Picture Frames, Brackets, etc. Aquaria, Cages for Birds, etc. Billiard Tables, Chessmen, Draught and Backgammon Boards and Tables; all other contrivances for in door recreation and amusement.

7th *Group.* Building accessories and permanent attachments; Doors, Window Sash, Blinds, Awnings, Mantels, Grates, Stairs, Frames and Mouldings, Cut and Cast Ornaments for the outside of Dwellings. Hand Pumps, Plumbers' Work, Water Closet Apparatus and Baths; Door Bells, Door Springs, Latches, Bolts, Sash Fastenings and Weights, Hinges, Screws, Nails and other Household Hardware. Models of Buildings. Useful and Ornamental Articles for the Grounds surrounding the Dwelling.

III.--DEPARTMENT OF DRESS AND HANDICRAFT.

1st *Group.* Apparel for Ladies and Children—Hats, Bonnets, Hair Work, Dresses, Hose, Boots and Shoes, Gloves, Shawls, Cloaks, Mantillas, Manufactured Furs.

2d *Group.* Apparel for Gentlemen—Hats, Caps, Wigs, Toupees, etc. Coats, Vests, Pantaloons, Shoes, Boots, Gloves, Overcoats, Cloaks, Undergarments, Furs.

3d *Group.* Cloths of Wool, Cotton and Silk; all other fabrics, woven, knit or felted, excepting Carpets; Ribbon, Cord, Tassels, Thread, Buttons, Pins, and other materials, used in combination with Cloth for Dresses.

4th *Group.* Hand Implements used in Manufacturing Dress—Sewing Machines, Knitting Machines, Needles, Thimbles, Scissors, Pocket Knives, Razors, etc. Materials used by Artists.

5th *Group.* Medical and Surgical Apparatus and Instruments; Trusses, Artificial Limbs, Crutches, Specimens of Dentistry and Dental Instruments.

6th *Group.* Jewelry and Ornaments for the person; Articles used in outdoor sports—Skates, Fishing Tackle, Hunting and Shooting Apparatus; Gymnastic Implements, and Toys for Children. Meerschaum and other Smoking Pipes, Cases for Pipes and Cigars.

7th *Group.* Portable Writing Desks, Port Folios, Pocket Pens and Pencils, Pocket Books, Pocket Card Cases and specimens of Visiting and Wedding Cards; Trunks, Carpet Bags, Small Baskets, Reticules, Travelling Cases, Umbrellas, Parasols, Canes, Hand Implements not elsewhere enumerated.

IV.—DEPARTMENT OF CHEMISTRY AND MINERALOGY.

1st *Group.* Soaps and all Compounds for cleansing; Toilet Preparations, containing no deleterious ingredient. Candles, Oils, Wax, Resins, Hydro-carbon Compounds, and other natural or artificial products used for illuminating purposes.

2d *Group.* Acids, Alkalies, other chemical bases; Salts, Artificial Fertilizers; Soda Water and apparatus for making it; Mineral Waters; Wines, Beverages and Stimulants; Tobacco, Cigars and Snuff. Drugs, Medicines, Tinctures and Extracts of officinal or known composition. Disinfectants and Deodorizers; Baking Powders and Chemicals not elsewhere provided for.

3d *Group.* Leather, Skins, Peltry, Furs, Parchment, specimens of Taxidermy, and Natural History, Catgut, Goldbeaters' Skins Membrane preparations; Preserved Wood, Fiber, Leaves and other natural products used in the Arts.

4th *Group.* India Rubber and Gutta Percha preparations, Paper Maché, Artificial Stone, Brick, specimens of Pottery, Earthen Ware, Porcelain, China and Glass, to be examined as to the quality of the material. Crucibles, Cement, prepared Materials for Roofing.

5th *Group.* Paints, Dye-Stuffs, Colors, Colored Crayons, Inks; Specimens of Dyed Yarns, Tissues, and other colored substances, and Specimens of Bleaching. Preparations for Staining, Cleaning and Polishing; Varnishes, Blueing, Blacking Mucilage.

6th *Group.* Flour, Meal, and other prepared products used as food Samples of Baking and Pastry Cooking. Refined Sugars, Confectionery, Chocolate, Cocoa; prepared Condiments; preserved Fruit, Vegetables, and Meats; condensed Fluids; Extracts used in preparing beverages.

7th *Group.* Specimens of natural Stones used in building; Minerals, Ores, Metals, Alloys. Models of apparatus and Implements used in Chemical Works, in Electric and Photographic processes, and in the Laboratory. Safety Cans and Vessels for holding dangerous fluids. Apparatus for making Gas; Machines for expediting chemical changes.

V.—DEPARTMENT OF ENGINES AND MACHINERY.

1st *Group.* Stationary Engines driven by Steam, Heated Air and other Gases; Water Engines and Wheels, Wind Mills, and all other prime movers. Heaters and Coolers used in manufacturing. Boilers, Steam-superheaters, Safety Valves Steam Indicators and Governors, Dynamometers, Steam Gauges, and other apparatus for Boilers and for Engines.

2d *Group.* Pumping Machinery—Steam Fire Engines in operation, and other Engines and apparatus for moving Fluids. Air Pumps, Air Compressors, Piston and Fan Air-Blowers, etc. Pipes for conveying water and other fluids, Valves Cocks, Joints, and other appliances used in connection therewith.

3d *Group.* Machinery for Working Metals—Lathes, Planers, Screw-cutting machinery, Drills, Shaping and Slotting machines. Emery Wheels, and all tools and apparatus used in working metals. Metal Work for Factories.

4th *Group.* Machinery for working in Wood—Lathes, Saws, Planing Machines, Boring Machines, Machines for Mortising and Tenoning; Carpenters' Tools and other Tools and Apparatus for working in Wood.

5th *Group.* Machinery for preparing Fibres and Tissues; Carders, Pickers, etc.; Machinery and all appliances used in the manufacture of Cloth, Carpets, Thread, Cord, Rope, etc.; Spinning Frames, Spoolers, Looms, Machinery used in Printing, Folding and Binding Paper.

6th *Group.* Machinery and Tools used in the manufacture of Leather, India Rubber, Paper Maché, Paper, Porcelain, Pottery, Bricks, and Materials used in the Arts, not elsewhere specified.

7th *Group.* Machinery for Grinding or Crushing Grain, Paint, Plumbago, and other natural or artificial products. Machinery for Cleansing, Cleaning, Purifying and Refining. Gearing, Millwork, Friction Pullies, Belting and Elements of Machinery for varying Speed or Power. Chains, and all Tools used by artizans or in factories, not otherwise provided for

VI.—DEPARTMENT OF INTERCOMMUNICATION.

1st *Group.* Locomotive Engines, Cars, or models of the same, and all apparatus and prepared material used in constructing and operating Railways, models of Railway Bridges, etc. All Fixtures, Furniture and Appliances used on Passenger and Freight Railway Cars.

2d *Group.* Carriages, Wagons, Sleighs, and all vehicles moved by animal power; materials and contrivances used in their construction; Harness, Saddles, Bridles, and all apparatus used in connection with the horse and the stable. Specimens of Improved Material for making Common Roads and Pavements, and all apparatus used in constructing the same and keeping them in repair. Bridges for Common Roads.

3d *Group.* Models of Vessels for navigating the Ocean, Rivers, Lakes and Canals; all apparatus connected with building, propelling, steering and holding Vessels; models of Locks, Docks, Aqueducts, Life Boats, Life Rafts, and other structures and implements used in Navigation.

4th *Group.* Electric Telegraphs, Apparatus used in constructing Overland and Submarine Telegraph Lines. All Apparatus for giving Signals and Alarms; Annunciators, Bells, etc. Implements and Contrivances used in transporting and distributing Mails; Package Express, and Implements connected therewith. Hand Machines, Materials and Implements used in Printing, Engraving and Advertising.

5th *Group.* Fire Engines and Apparatus used in extinguishing Fires; Fire Escapes; Apparatus used in making and conveying Illuminating Gas for towns and cities; Gas Meters. Apparatus for conveying Gas for heating purposes, or as a motor. Apparatus for supplying towns and Cities with Water. Water Meters.

6th *Group.* Implements for expediting trade; Contrivances and Materials used in the Store and Warehouse; Commercial Scales, Weights and Measures; Locks for Stores and Banks; Safes; Hoisting Apparatus; Shutters; Vault Lights; Reflectors, and Iron Columns, etc.; Tickets, Tags, Cards; Business Flags; Copying Presses; Glass and other Ornamental Signs; Figure Signs. Articles used in Hotels and Restaurants not otherwise provided for.

7th *Group.* Devices, apparatus and materials specially used in the Army;
in the Navy, excluding models of Vessels, Docks, etc.
in the Mint, and solely in making paper currency;
in Schools and Colleges as permanent attachments or furniture;
in Churches, Public Halls and Theatres;
in Cemeteries, and in conducting Funeral rites;
in Public Works not otherwise designated.

VII.—DEPARTMENT OF AGRICULTURE AND HORTICULTURE.

1st *Group.* Plants and Flowers.

2d *Group.* Fruits, Vegetables, Cereals, Roots and Seeds.

3d *Group.* Food prepared on the Farm and Plantation—Butter, Cheese, Sugar, etc.

4th *Group.* Ploughs, Diggers, Cultivators, Harrows, Barrows, Drain Pipe, and Implements used in preparing the soil; Pruning Knives, and all Implements for cultivating Plants and Trees; Hot House Apparatus.

5th *Group.* Mowers, Reapers, Scythes and Implements used in gathering the products of the soil; Threshing Machines, Corn Shellers, Grain and other Farm Mills.

6th *Group.* Churns, Cheese Presses, Bee Hives, Animal Traps, and other articles used on the Farm not elsewhere mentioned.

7th *Group.* Products of the Soil used in the Arts—Wood, Hemp, Flax, Cotton, etc. Products of Animal growth—Wool, Silk, Hair, Feathers, Down, Horn, Bone.
Live Animals, whenever the Board of Managers shall decide to admit them.

Sec. 5. It shall be the further duty of the Managers, after the publication of said circular (Sec. 3,) to select and appoint competent persons to act as Judges in the several departments, who shall report in writing upon the comparative merits of articles or processes entered for examination; also to prepare proper blanks upon which exhibitors shall fully describe such articles or processes as may be intended for examination by the Judges; under the following general heads, so far as may be practicable:

1. The title, number of entry, and name of Exhibitor.
2. The Purposes and Uses for which the article or process is intended.
3. If a machine, describe its construction and mode of operation.
4. If a product or process, state its advantages.

Such general description, being intended for the Judges, must be delivered to the General Superintendent within two weeks after reception of the goods; it should bear upon its envelope the number of the entry, department, and group; also the name of the article or articles to be examined. The Judges, in reporting upon the comparative merits of articles entered for competition, shall take into consideration similar American articles or processes that may be known to them as superior, but which are not on exhibition Printed directions shall be furnished to each Judge, fully explaining the nature of his duties and suggesting the general form and style of report desired.

SEC. 6. If any judge is found incompetent, neglectful, unfair, or in any respect ineligible, his appointment may be withdrawn by the Board, and the vacancy, thus created, filled. The Board may, by a vote of two-thirds of those present, appoint additional Judges to those previously appointed for any Department or Group, or any subdivision thereof.

Should it be ascertained that any exhibitor is connected, either by near consanguinity or business relations, with one of the Judges in the Department or Group in which he is an exhibitor, it shall be the duty of the Managers to substitute another Judge.

Should it satisfactorily appear that any article has not received the consideration which its merits seem to require, it shall be the duty of the Board to cause a re-examination, by the same or other Judges, and in case it can be shown that any decision is the result of collusion, or from obvious incompetency of the Judges, or in violation of any by-law or regulation of the Institute, it may be set aside by a vote of two-thirds of the Managers present at any regular meeting.

SEC. 7. The Judges shall be notified to meet at a particular hour and place, within the limits of the Exhibition, and the General Superinpendent shall extend to them the requisite facilities for a thorough and impartial performance of their duties.

SEC. 8. No award, report, or anything in lieu thereof, shall be granted by the Board of Managers, directly or indirectly to any Trustee, Manager or employee of the Institute, nor to any person or company who shall employ, as agent, any one of the said officers. This shall not prevent an examination and report by the Judges on any article or process exhibited.

Medals or other awards, or both, shall be granted only under following regulations prescribed by the Board of Trustees.

SEC. 9. The awards shall be:

1.—THE GREAT MEDAL OF THE AMERICAN INSTITUTE.

This medal (of gold) is to be awarded only for a machine, product or process which shall have been proved by long continued operation and practical adaptation, to be so important in its use or application as virtually to supplant every article or process previously used for accomplishing the same purpose.

This medal can only be awarded upon the written report of at least three Judges, which report shall state that the machine, product or process claiming this award fulfills the conditions required, also that comparative tests have been made by them or are to them known. Said report shall also state wherein the machine, product or process recommended by them for this medal, supasses those now in use of American invention. When said report shall have been approved by a majority of the whole Board of Managers and confirmed by a majority of the whole Board of Trustees, then and then only shall this medal be awarded.

SPECIAL RULE GOVERNING

THE GREAT MEDAL OF THE AMERICAN INSTITUTE.

This medal shall not be awarded for any machine, product or process unless the "Medal of Progress" shall have been awarded to it at a previous exhibition of the Institute.

II.—The Medal of Progress.

This medal (of gold) is to be awarded only for a machine, product or process, which shall be adjudged so important as to make a decided advance and great improvement, and be satisfactorily shown to be a discovery or invention of the first order of importance. This medal can only be awarded upon the written report of at least three Judges, which report shall state that the machine, product or process claiming this award fulfills the conditions required, also that comparative tests have been made by them or are to them known. Said report shall also state wherein the machine, product or process recommended by them for this medal, surpasses those now in use of American invention. When said report shall have been approved by a majority of the whole Board of Managers, and confirmed by a majority of the whole Board of Trustees, then and then only shall this medal be awarded.

SPECIAL RULE GOVERNING

THE MEDAL OF PROGRESS.

This medal shall not be awarded for any machine, product, or process unless the "Silver Medal" shall have been awarded to it at a previous exhibition of the Institute.

III.—The Centennial Medal.

This medal (of gold) is to be awarded only for a machine, product, or process, exhibited this "Centennial Year" at the 45th Exhibition of the American Institute of the City of New-York. It can be awarded only for a machine, product, or process of great value, decided importance, and of more than usual merit, and then only by a majority of the whole Board of Trustees, upon the written report of three Judges, whose report shall certify to the above requirements, and after said report shall have been approved by a majority of the whole Board of Managers.

The officers trust that this Exhibition may be so rich in exhibits of great value that many of these "Centennial Medals" may be awarded.

IV.—The Medal of Taste.

This medal (of silver) may be awarded for any article classified in the first four groups of Department One, which may be adjudged of unusual excellence, or for new and valuable designs, models or drawings, relating to the sciences or industrial arts, combining marked improvement, with novelty in form, color or proportions, and then only by a majority of the whole Board of Managers upon the recommendation of a majority of the Judges.

V.—The Silver Medal.

This medal is to be awarded only for a machine, product or process of great value, and then only by an affirmative vote of a majority of the whole Board of Managers, upon the recommendation of a majority of the Judges.

VI.—The Bronze Medal.

This medal is to be awarded by a vote of a majority of the whole Board of Managers, upon a favorable report of the majority of the Judges, for a machine, product or process of decided merit, but not of sufficient importance to deserve the silver medal.

VII.—A Diploma

may be awarded by the Board of Managers. for a machine, product or process of acknowledged value,

VIII.—The Diploma for Maintained Superiority shall be granted for any superior article which at a previous Exhibition by the Institute won the award of a medal. This Diploma shall set forth the fact of the previous award, and shall only be given upon a report of the Judges that the *superiority* for which the original award was made has been *maintained*; the rules as to the report of Judges, and votes of Managers, are to be the same as would apply to the medal named in the diploma. This diploma is of the same value as medal originally awarded.

IX.—The Diploma of Continued Excellence shall be granted for any excellent article which has won the award of a medal at a previous Exhibition of the Institute. This diploma shall set forth the medal originally awarded and shall be given only upon a report of the Judges that the *excellence* for which the original award was made has been *continued*; the rules as to the report of Judges, and votes of Managers are to be the same as would apply to the medal named in the diploma. This diploma is of the same value as medal originally awarded.

X.—Co-operator's Diploma. This diploma may be awarded by the Board of Managers to any employees who by their skill have added to the attractiveness of the exhibition.

All Diplomas shall be signed by the President and Recording Secretary of the Institute.

The Board of Managers are authorized to grant awards for the best specimens of workmanship and skill by apprentices.

The Managers may grant to exhibitors of cut flowers, fruits, or perishable products, an award in money, plate or other valuable consideration; and the amount or kind of award shall be stated in the circular issued by the Board.

THE GENERAL SUPERINTENDENT.

It shall be the duty of the General Superintendent while keeping in view the general aim and purpose of the Institute, to devote himself, by all the means in his power, to forwarding the interests of the Exhibition.

He shall, when practicable, procure the exhibition of any machine, product or process, that may be deemed useful; and for this purpose his necessary traveling expenses shall be defrayed by the Board of Managers.

He shall, with the approval of the Board of Managers, make conditions with exhibitors; and on the opening of the exhibition building, receive and place all articles brought in, and carefully superintend them during the Exhibition.

He shall hire and discharge all persons whose services may be needed to carry on the Exhibition, keep a full record of their time, and pay to them the compensation determined upon by the Board of Managers, with the moneys which shall be furnished him by the Finance Committee of the said Board. When required, he shall submit to the Board of Managers estimates for all work to be done, and for all supplies to be furnished, to carry on the Exhibition; make all contracts, under the direction of the said Board, for the same, and certify all bills for labor or material furnished.

Under the direction of the Board of Managers, he shall grant all privileges to sell and deliver articles during the Exhibition, and make and sign such contracts or agreements as may be required, and report to said Board his action in each case.

Rules and Regulations.

Application and Fee.

An entrance fee of Seven Dollars will be charged upon all goods entered for *competition;* and Fifteen Dollars upon all goods entered for *exhibition* without competition.

Applications not made until after the opening day, (September 6th,) will be charged *fifty per cent.* additional entrance fee.

The entrance fee must at all times accompany the application for space, for which fee a receipt will be returned, which receipt after the goods shall have been received and located, will be exchanged for an Exhibitor's Ticket without further charge.

In case any person shall apply for entrance in more than one group, he shall pay for each group an entrance fee as above provided.

In case one person shall, in his own name, apply for more than one entrance in one group for parties other than himself, then such entries will be considered as coming from the various manufacturers or owners of said goods, and will be chargeable as *separate entries*, and the fees shall be paid upon each.

The producer or manufacturer, *not the agent*, is the only person from whom the Board of Managers will accept, under one entrance fee, a number of different articles which may belong to one group. In all other cases each different article will be charged the entrance fee as provided.

More than one article of a kind entered either for competition or exhibition will not be permitted, except by consent of the Department Committee.

Receipt for Goods.

A receipt will be given for goods when received and in order, which receipt will be accepted as evidence of ownership at close of the exhibition, and upon which *only*, goods will be delivered. In the event of the loss of this receipt immediate notice must be given in writing to

the Secretary of the Board of Managers, and his acknowledgment of said notice taken in writing, that delivery may not be made upon presentation of the lost receipt.

Improper Exhibits.

Any exhibit of goods which in the opinion of the Board of Managers is of an improper or objectionable character, may at the option of said Managers be removed at any time.

Entries for Competition.

No goods will be admitted for competition or examination after the 13th day of September, unless by consent of the Board of Managers.

Space.

The Managers do not agree to allot any special amount of space until the articles for which space has been desired are *within the building*, unless agreed to in writing.

Changes in location and space granted.

Changes as to position and space granted will be made as often as may be required to properly group and classify the goods, or for the better apportionment of space; which change shall be entirely within the duties and power of the General Superintendent.

Removal of Goods.

No article shall be removed from the building during the exhibition unless by consent of the Board of Managers.

Tickets.

Exhibitors' and Employees' tickets are not transferable. If transferred or loaned for the purpose of gaining admission, the doorkeeper is instructed not only to refuse admission but to retain the ticket, which by this violation of the rule is forfeited. Admission may be had upon an exhibitor's ticket by an employee, provided the exhibitor sends with said ticket a note requesting admission for bearer, and certifying that the bearer is charged with the care of his goods.

In case of the loss of a ticket, the loser is required to give immediate notice in writing to that effect to the Secretary of the Board.

The Board of Managers reserve the right to refuse admission to any employee or exhibitor whom they may consider an improper person, and also to remove the goods of such exhibitor.

Steam Power.

Steam power will be provided to operate machinery only when approved by the Department Committee.

The Department Committee in charge of such machines as require power, shall determine upon the hours when said machines are to be in operation; and may in all cases, regulate the amount of fuel to be supplied to boilers or other apparatus.

Shafting, Pullies, Gas and Water Pipes.

The Managers will erect the main line of shafting, and provide the main line of water and gas pipes. All pullies upon main shafting must be approved by the General Superintendent, both as to size and method of fastening to shaft.

All counter shafting and belting must be furnished by exhibitor. No connections will be permitted with the gas or water pipes, except by consent of the General Superintendent, and then only at the expense of the exhibitor, and upon his agreement to pay weekly in advance for such gas as he may consume. In event of any dispute, the General Superintendent may order the connection with said gas pipe to be severed. All connections with the water pipes are subject to the same rule.

Tables.

Tables will be furnished without charge, which will be of the uniform width of four feet, which width show cases and stands must not exceed. Should an exhibitor desire to furnish his own table, notice must be given at time of making application for space, and consent had in writing.

Glass Cases and Keys.

Whenever practicable, articles should be placed in locked glass cases, the keys to which, must be numbered to correspond with number of entry, and left with the General Superintendent *within one week* after the reception of goods, that the Judges may have access to the same when making their examinations, otherwise goods in cases cannot be examined by the Judges.

Claims of Exhibitors.

Exhibitors will consult their own interests by stating in writing the peculiar merits of the articles exhibited by them for competition, and hand the same to the General Superintendent within one week after the reception of goods, that the attention of the Judges may be called thereto.

To whom Premiums will be awarded.

If the exhibitor of an article be not its inventor or originator, but its manufacturer, the award of premium for same shall be given to the exhibitor unless claimed by the inventor or manufacturer, before the public announcement of said award.

Examination of Goods.

Exhibitors must not be present during the examination of their articles except by consent of the Judges.

Apprentices.

Apprentices offering articles of their own workmanship for competition, must give at the time of entry, a certificate from their employers, stating their age and the time they have served. If such articles shall be considered of merit by the Committee of the Department in which they properly belong, then the entrance fee for such shall be remitted, and an Exhibitor's ticket issued.

Petroleum, Patent Medicines, &c.

No medicines, nostrums, or articles of like nature, of unknown ingredients, will be allowed a place in the Exhibition. Spirit gas, burning fluid, benzine, ether, volatile hydro-carbons, fireworks, gunpowder, gun cotton, nitro glycerine, and all other explosive compounds are peremptorily excluded. No petroleum shall be exhibited unless it will stand the test required by the State law, and then only in quantities not exceeding four ounces. The Managers reserve the right to exclude any article they may deem objectionable at any time, before or after the opening of the Exhibition.

Fires and Lights.

Neither fires nor lights will be allowed except on written consent of the General Superintendent.

Goods at risk of Exhibitor.

All goods are at the risk of the Exhibitor; and it is expressly understood that the American Institute, Board of Managers, or any Committee, officer or member thereof, is in no degree liable for any loss by fire, theft or damage of any kind whatever.

Signs.

Signs will not be allowed of greater size than 300 superficial inches, nor shall such signs be elevated above the goods. All signs shall be subject to approval by Board of Managers.

Circulars and Cards.

Circulars, cards or notices can only be distributed from the place assigned to the exhibitor, and then only such as relate to the goods there exhibited. None shall be distributed except they are approved

by the Board of Managers. The Managers reserve the right to prohibit the distribution or display of any circulars, cards, notices, &c. which they may consider objectionable.

The exhibit of any person who refuses to comply with this rule will be removed from the exhibition.

No Sales and Delivery in Building.

No goods shall be sold and *delivered* within the exhibition buildings, except upon agreement with the General Superintendent, who may, upon payment of the fee for right to sell and *deliver*, grant the proper license. Nothing in this rule is to be construed to interfere with the right to take orders for delivery elsewhere than within the exhibition buildings.

Arrangement of Goods.

The arrangement of all goods *as to height to which they may be piled as well as to space occupied*, shall be under the charge of the General Superintendent, who shall have power to direct the arrangement of all goods, in such manner that the safety of visitors or the harmony of the exhibition may not be interfered with.

Goods—when to be removed.

All goods must be removed from the exhibition building before Saturday, November 25th, 1876, or they will be placed on storage at expense and risk of the owner or exhibitor.

Correspondence.

Letters relating to the exhibition should be addressed to "General Superintendent, American Institute, New-York," who will send blanks and give any desired information to parties intending to become exhibitors.

Shipment of Goods.

All articles must be directed to "The American Institute Exhibition, Third Avenue, 63d and 64th Streets, New-York." The name and residence of the exhibitor and the list of contents must be given on the package, freight and other charges on which *must be prepaid.*

Freight.

The Board of Managers will endeavor to perfect, as heretofore, arrangements with all the prominent Railway, Steamboat and Transportation Companies to return freight free, all articles exhibited, the freight on which shall have been paid to New-York, provided the same shall not have changed ownership, and are returned on or before the 25th day of November, 1876

Reception of Goods.

The buildings will be opened on 2d Avenue for the reception of machinery on the 14th day of August, and for the reception of other goods on the 28th day of August, at the 3d Avenue and other entrances.

Opening and Closing.

The exhibition will be formally opened to the public at 2 P. M. Wednesday, the 6th day of September. It will be opened each secular day thereafter at 9 A. M. and close at 10 P. M., finally closing at 10 P. M., Saturday, the 11th day of November, 1876, unless decided expedient by the Board of Managers to continue open one week longer.

Award of Premiums.

Upon the last day of the exhibition the award of Medals and Diplomas, and of prizes for perishable products, will be announced.

NOTICE.

Heretofore delays on the part of exhibitors have, to a considerable extent, kept the exhibition incomplete and in confusion, and have also prevented a proper arrangement and classification of goods; it is therefore with a view to remedy this trouble that notice of the coming exhibition is given at this time, and to prevent misunderstanding, the above rules are annexed. It is hoped that exhibitors will cheerfully aid the Board of Managers in their efforts to have the exhibition complete in all departments on the opening day.

SPECIAL NOTICE.

Persons intending to exhibit are requested to fill up enclosed blank Application for space, sign and return as soon as possible, to enable the Board of Managers to properly arrange and provide space.

AVERY CLASSICS

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